

Sarath Suresh

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Technical Skills

NodeJS, ReactJS, Docker, Java, Python, Apache Camel, Kafka, Kotlin, C#, MongoDB, MySQL, Git, Linux.

Work Experience

- **Software Engineer - Fullstack** | Justdial **Feb '24 - Present**
 - Migrated multi-instance Node.js servers managed by **PM2** to **Docker**, including server setup and provisioning, achieving streamlined deployments and improved scalability.
 - Engineered **JWT** validation and refresh mechanisms in **OAuth 2.0** for stateless authentication.
 - Actively contributed to the “**Sales Genio**” migration - An internal sales application from React v14 to NextJS.
 - Built a Python-based system to process on-demand **bulk invoices** using **Apache Kafka** as the queuing system.
 - Implemented **MySQL** connection pooling with automatic reconnection logic for transient fault tolerance.
 - Leveraged **memory buffers** for in-memory PDF bundling and direct cloud uploads via **S3-compatible APIs**.
 - Configured **reverse proxies** with **Nginx** for secure routing and load balancing of API traffic.
 - **Tech Stacks:** ReactJS, NodeJS, NextJS, MongoDB, Git, Docker, Linux, MySQL, Kafka, RabbitMQ
- **Software Engineer - Fullstack** | Growth As A Service (Graas) **Jan'23 - Jan'24**
 - Developed time efficient **Java-based APIs** to retrieve and manage data through SQL queries
 - Engineered smart logic for acquiring Ads data from **Facebook Ads** and **Google Ads**, efficiently transferring it to an NFS (S3 Bucket) storage, enhancing data accessibility.
 - Worked closely with queuing mechanisms like **RabbitMQ** and **Apache Kafka**, for better messaging actions.
 - Crafted dynamic React components by applying concepts including **Redux** and the **context API**, resulting in highly efficient and maintainable user interfaces.
 - Containerised applications using **Docker** and deployed using **Jenkins**, showcasing expertise in modern software packaging and **CI/CD** practices
 - **Tech Stacks:** ReactJS, Java, MongoDB, Python, NodeJS, Snowflake DB, Docker, Jenkins, Git,
- **AR VR Developer** | Tata Consultancy Services **May '21 - Jan'23**
 - Contributed to **B2B Augmented Reality** solutions, covering the entire process from inception to deployment.
 - Gained hands-on experience with a range of SDKs such as AR Core, Vuforia, and XR Tool Kit & Oculus.
 - Employed RESTful APIs, along with reliable queuing methods like **Kafka** and **MQTT**
 - **Tech Stacks:** Unity, C#, Android Studio, Vuforia, AR Core, Kotlin, Git, Azure

Education

B. Sc Electronics and Communication systems, SKASC Coimbatore

Jun '18 - May '21

Position of Responsibilities

Secretary - Conducted a state-level Rotaract Fellowship even with over 1800 + participants.

Vice President - Handled all the membership-related campaigns for the Rotaract club of SKASC.

Department Joint Secretary - Conducted an inter-college symposium with over 400 participants from colleges around the state.

Certifications

Microsoft Azure Fundamentals - AZ -900

Microsoft